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ABSTRACT OF THE DISCLOSURE

The invention relates to an image restoration system (1) comprising: an input for the simultaneous reception of image signals; a screen (2) having a plurality of pixels with variable optical transmissivity; at least one light source (71-77) for each image signal, the light from each source being projected onto the screen (2); a device for controlling the transmissivity of the screen pixels, by multiplexing the display of the different corresponding images on the screen; and a Fresnel lens (3) which is disposed on the path of light (2). According to the invention, the Fresnel lens (3), the screen (2) and the light sources (71-77) are disposed such that the transmitted images are focused towards different respective areas of a viewing environment. The invention also relates to an assembly of such systems and to the associated method. The invention can be used to increase the display angle of different images in an observational environment.